atmosphere'22 BELGIUM

SOLVING NETWORK MODERNIZATION CHALLENGES

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THE FUTURE IS

INTELLIGENT EDGE

HYBRID CLOUD































Users. Devices. Things. Data.

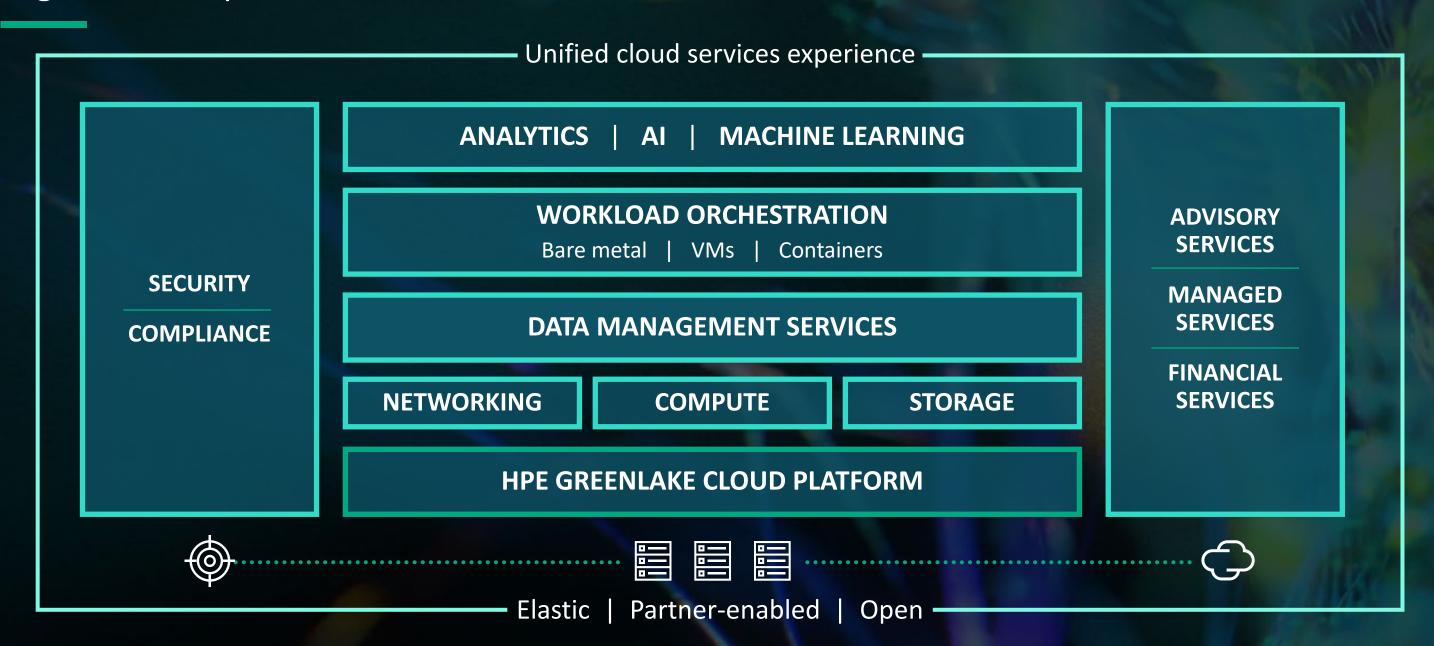
Highly Distributed

Fully Automated

Cloud Managed As-a-Service Multi Cloud Data Center SaaS

WAN AND SECURITY TRANSFORMATION

HPE GREENLAKE Edge-to-cloud platform



ARUBA FRAMEMORK

INTELLIGENT EDGE

HYBRID CLOUD





















SD-WAN







CONNECT

PROTECT

ANALYZE

ACT

ARUBA ESP SOLUTIONS FOR NETWORK MODERNIZATION



ARUBA CENTRAL





















PROTECT



Authentication



Policy Enforcement



Unified Threat Management



AS-A-SERVICE

CONNECT



Wired







UNIFIED INFRASTRUCTURE CONNECT





ARUBA NETWORKS **IOT APPROACH**



ARUBA PARTNERS



SOLUM

HermanMiller



EnOcean

ASSA ABLOY SIEMENS Space IQ









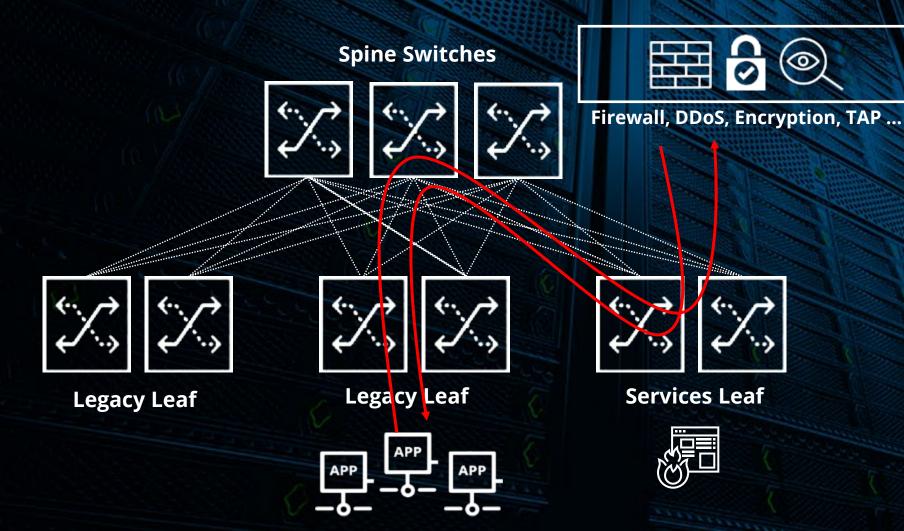


dormakaba⊯

...and many more

CHALLENGES WITH DC SERVICES TODAY

TROMBONING TO SERVICES APPLIANCE CLUSTERS



Appliances become bottlenecks for east-west traffic

Impacts application latency, performance, compliance

Increases complexity and cost (Appliance sprawl, licensing)

WHAT IF THERE WAS A BETTER WAY?

SERVICES DISTRIBUTED ACROSS ALL LEAFS

Spine Switches



















CX 10000 Leaf Layer



CX 10000 Leaf Layer

Services applied closer to applications at scale

Stateful zero-trust, firewalling, DDoS natively embedded for any workload

Reduces appliance sprawl and cost

Future proof architecture – additional functionality enabled on demand

> Encryption, Stateful NAT, Load-balancing

A NEW SWITCHING CATEGORY: DISTRIBUTED SERVICES SWITCH

ARUBA CX 10000

L4-L7 Stateful Software Services















SLB*

Industry first smartswitch for the enterprise

Embedded Pensando DPU's and extensible services built into the fabric

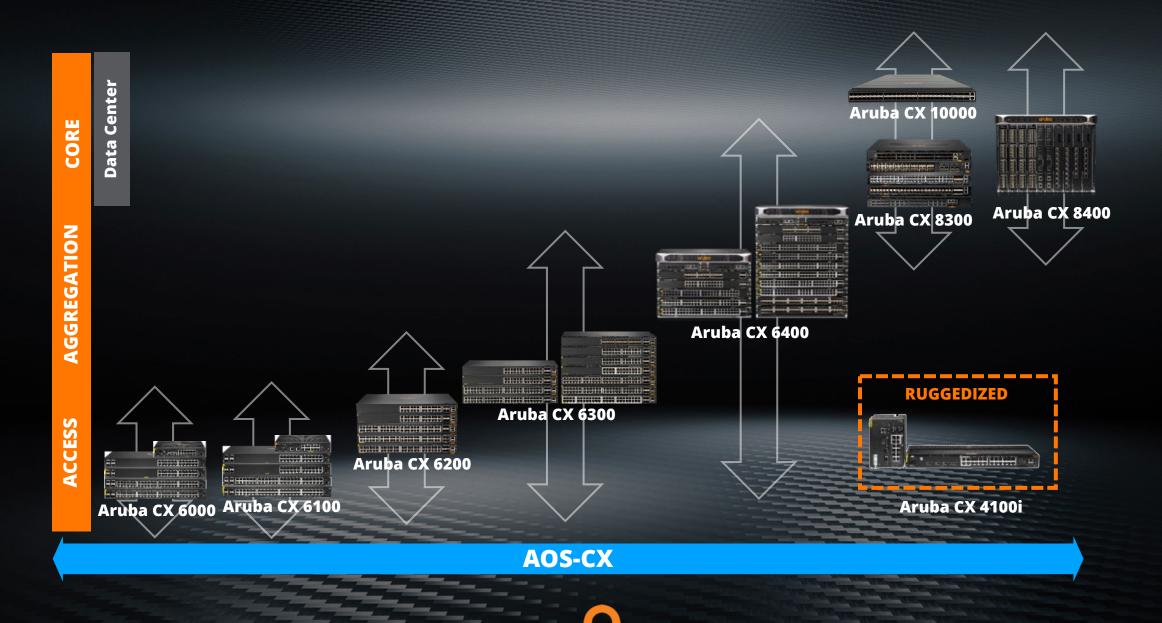
Aruba AOS-CX and Orchestration (AFC)

10X PERFORMANCE, 100X SCALE AT 1/3 TCO



TELEMETRY ENCRYPTION*

ARUBA CX SWITCHING PORTFOLIO SINGLE OS FROM SMB TO CAMPUS TO CORE





EDGE-TO-CLOUD SECURITY PROTECT



Effectively Addressing Risk

92%

Critical risks
Addressed by
Segmentation

67%

Devices with risk Reduced by Segmentation

Most Effective Action For Critical Risk

- E-W Segmentation 64.77%
- Update Firmware 18.02%
- Service Hardening 7.42%
- Change Credentials 6.70%
- N-S Segmentation 2.46%
- Incident Response 0.47%
- Configuration Change 0.16%

NETCONDUCTOR EVOLUTION OF DYNAMIC SEGMENTATION WITH CHOICE OF OVERLAYS





ClearPass Policy Enforcement Firewall

Enforcement Done At Gateway

DISTRIBUTED OVERLAY ENFORCEMENT



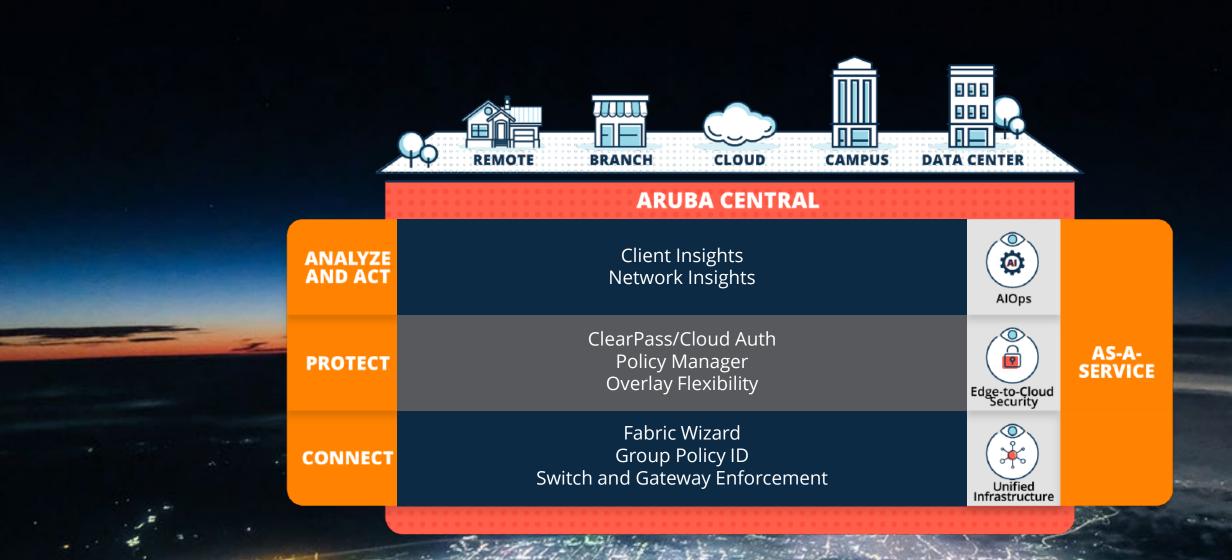
Enforcement at Ingress and Egress

Aruba Central NetConductor





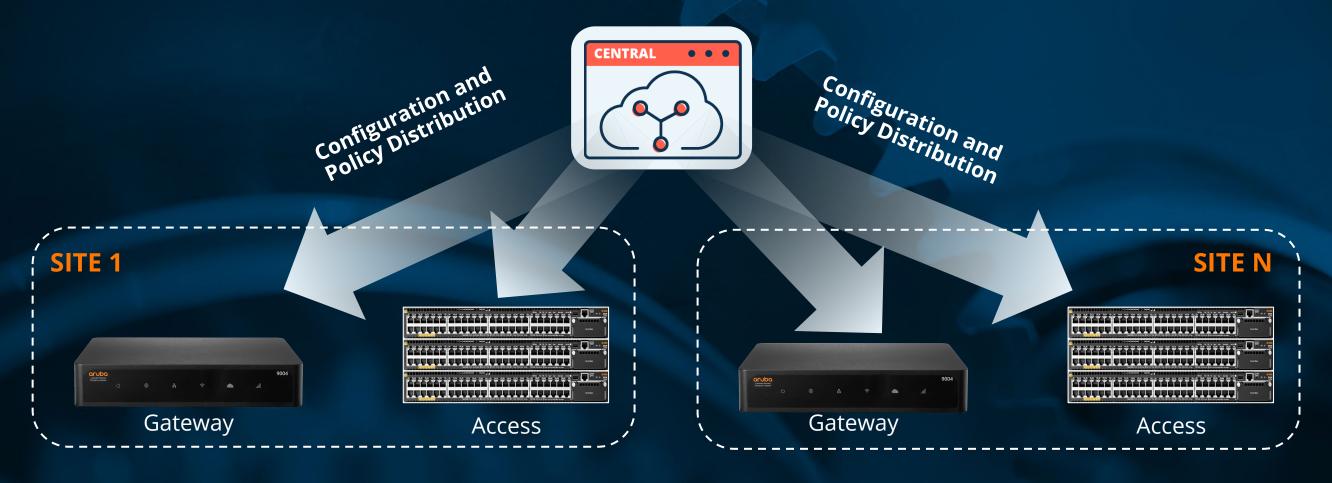
ARUBA CENTRAL NETCONDUCTOR COMPONENTS



AUTOMATION AT SCALE

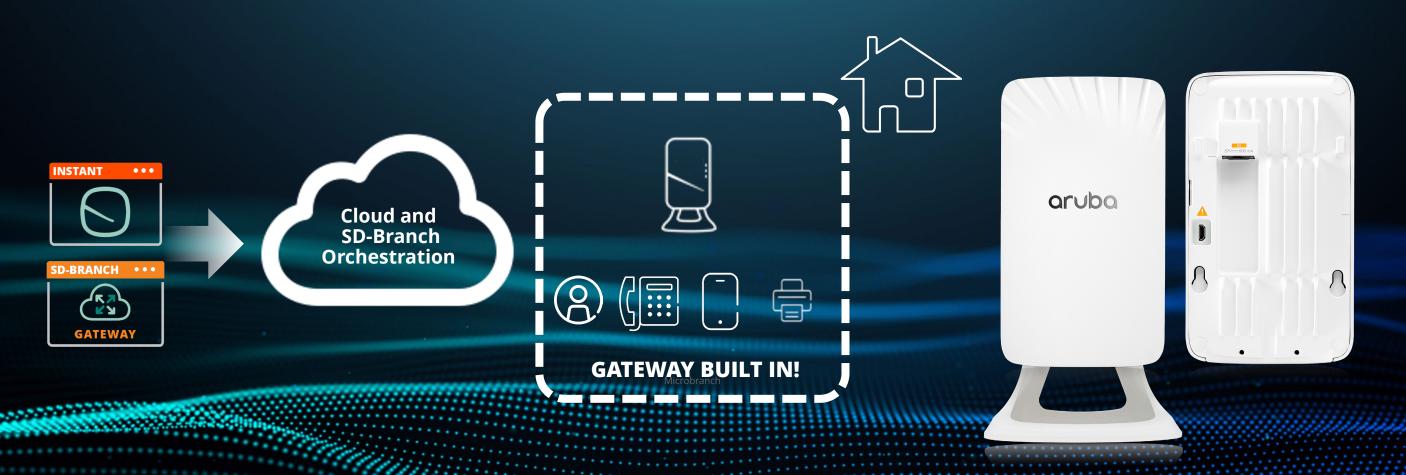
Central NetConductor

Management and Orchestration

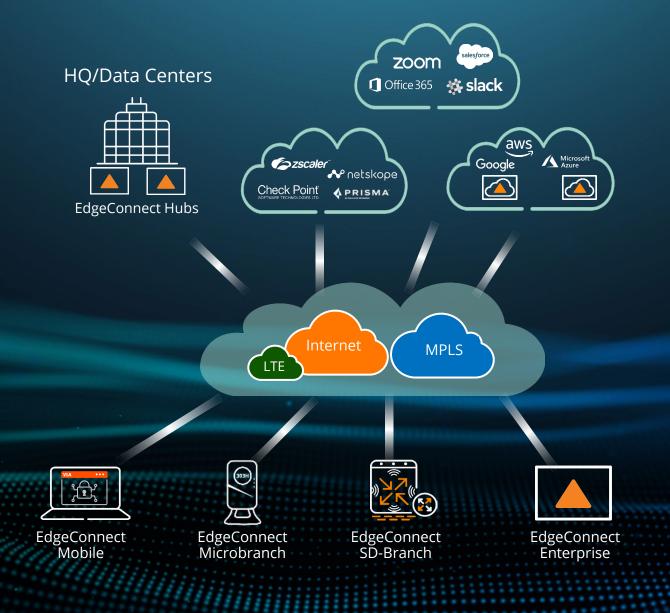


MICROBRANCH HYBRID WORKPLACE SOLUTION

SECURE, IN-OFFICE EXPERIENCE TO EMPLOYEES ANYWHERE



A UNIFIED SD-WAN FABRIC



SOLVING CUSTOMER CHALLENGES INTRODUCING CLOUD AUTH







Integrated creation of roles and authentication/authorization workflows.

Built into Aruba Central Cloud for simplicity.

A shift to cloud-managed NAC.

MODERN EDGE TO CLOUD SECURITY BENEFITS TO IT



Visibility into authentication traffic patterns through dashboards



Authentication validated against cloud identity stores to grant access



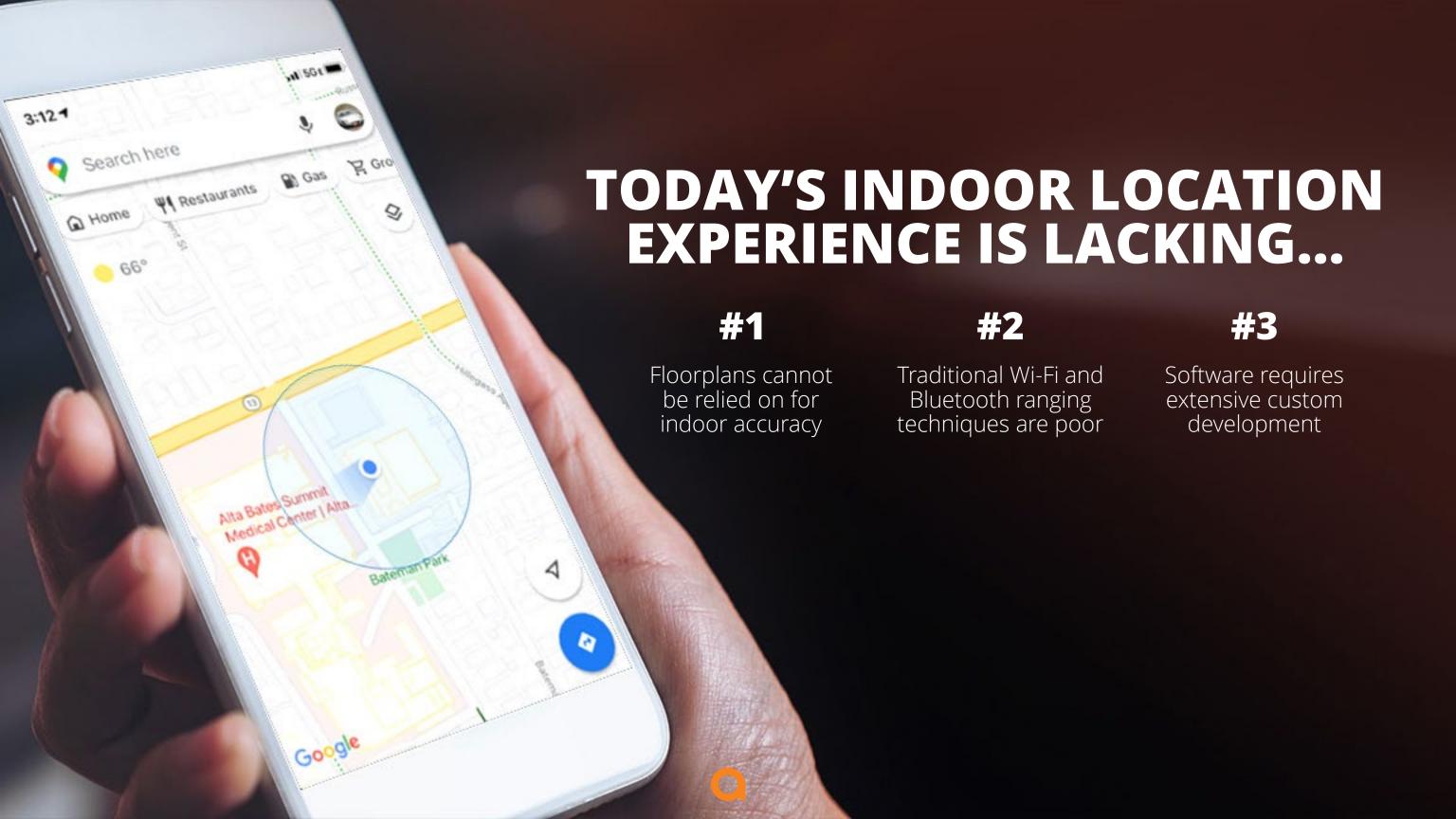
Leverages Central Client Insights for accurate profiling and behavior monitoring.

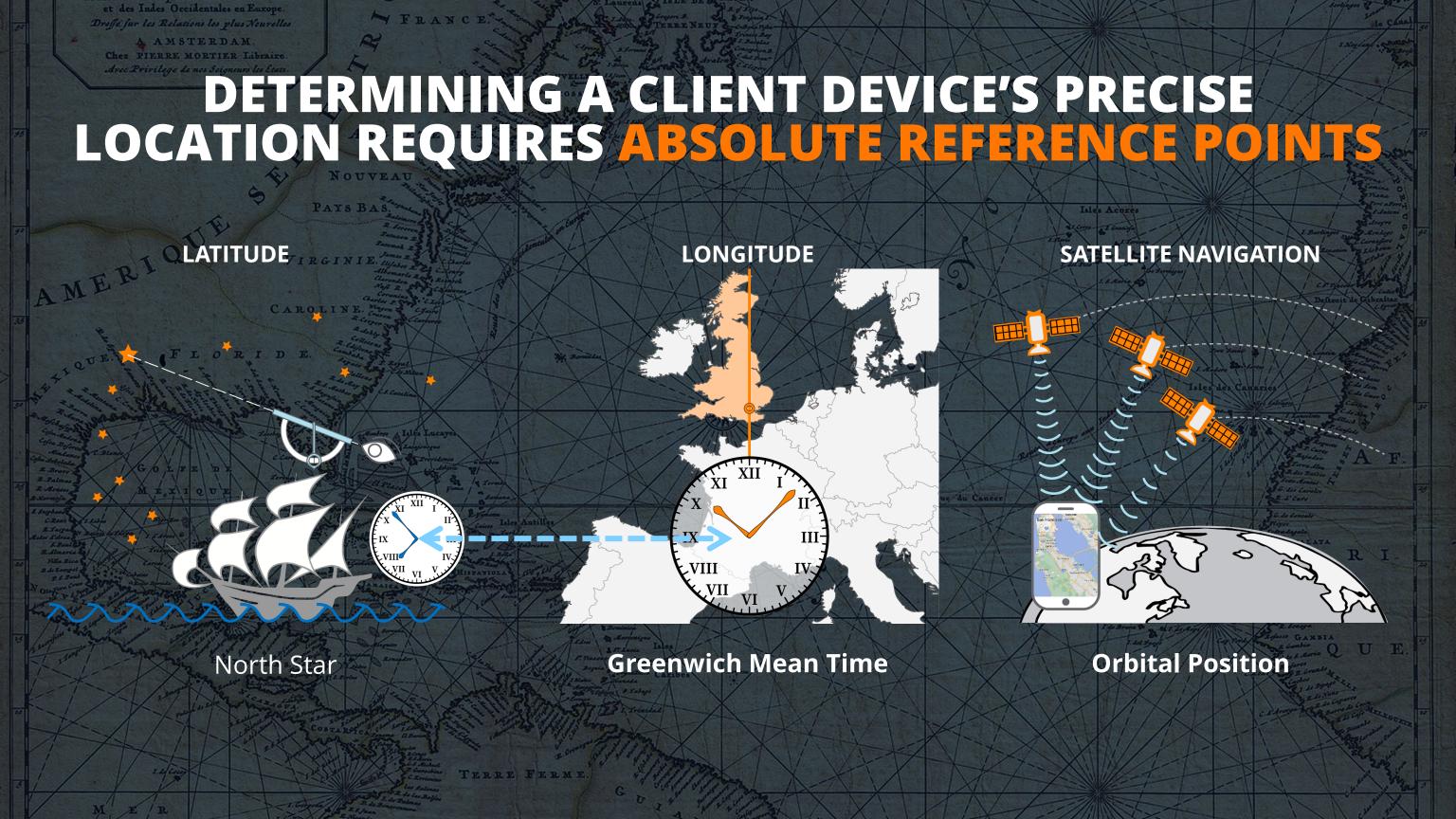


a Hewlett Packard Enterprise company

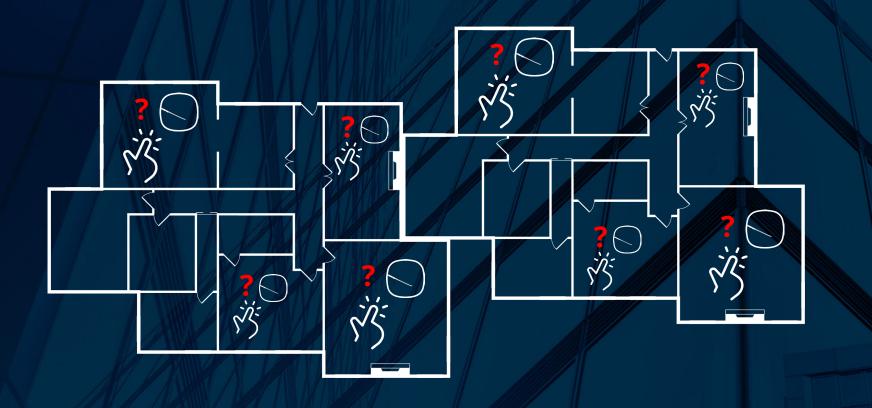
AIOPS ANALYZE & ACT







WHAT'S WRONG WITH INDOOR APS AS ABSOLUTE REFERENCE POINTS?



80% of Wi-Fi APs are not mapped

Placement errors of 5-10 meters

Floor plans are 2D-only

Not synced with Google / Apple / Bing Maps

INTRODUCING OPEN LOCATE WORLD'S FIRST SELF-LOCATING WIRELESS NETWORK



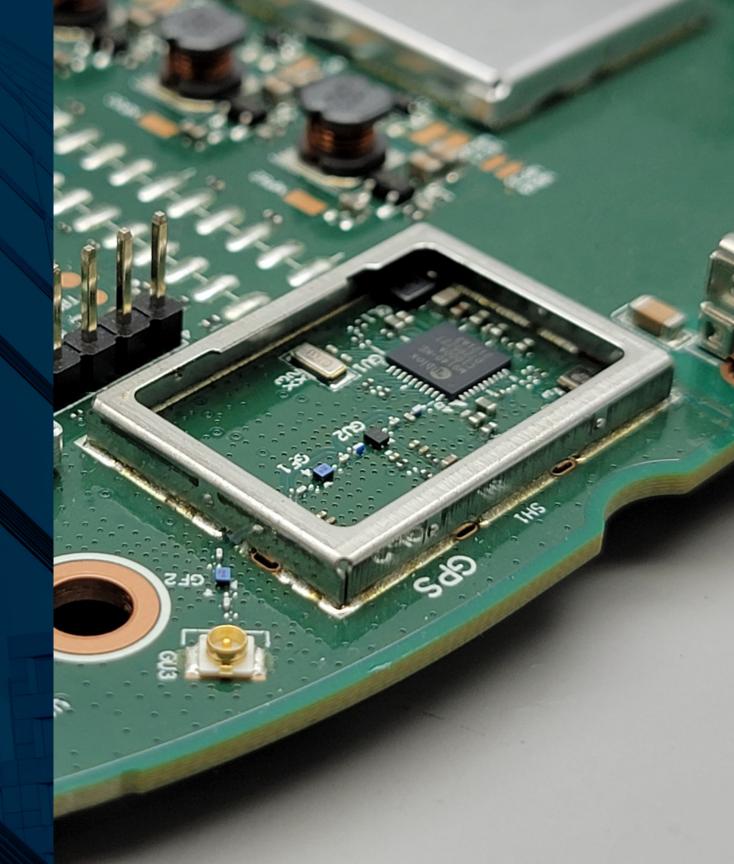
THE ARUBA ADVANTAGE

Automatic AP location discovery

Aruba AP interoperability with Google / Apple / Bing Maps

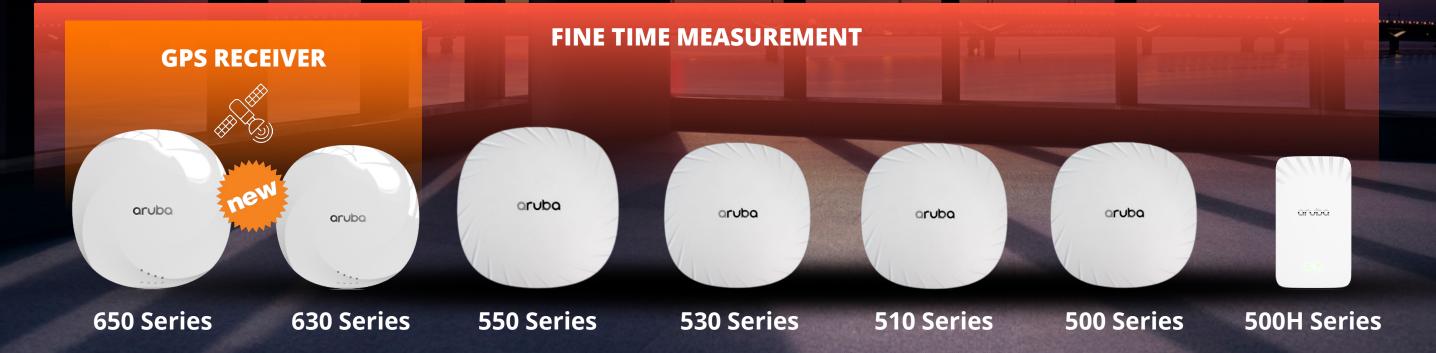
Enabling developers to use our location data

Ready for outdoor 6 GHz use*



OPEN LOCATE-READY ACCESS POINTS WI-FI 6E AND WI-FI 6 PORTFOLIO

PREPARE FOR DIGITAL ACCELERATION WITH ARUBA WI-FI 6E & WI-FI 6



Upgrade today to take advantage of advanced location capabilities



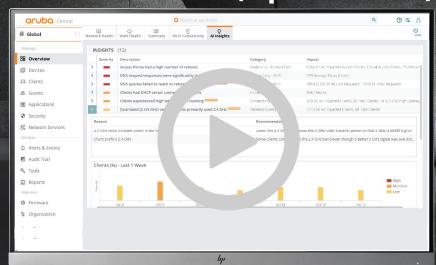


HELPING LOB WITH DIGITAL ACCELERATION PROBLEM RESOLUTION

UXI Agent

| Value | Control | Contr

Aruba Central (Open Locate)



Open Locate data from Aruba Central enhances UXI analytics and assurance

The way forward



Commitment to be a net-zero enterprise across our entire value chain by 2040 with near-term goals by 2030

~50%

of renewable electricity sourced in our operations on our way to 100% by 2030¹

85%

of tech returned to HPE is upcycled and put back into active use²

6000+

patents for transformational lowcarbon technologies filed since 2000³

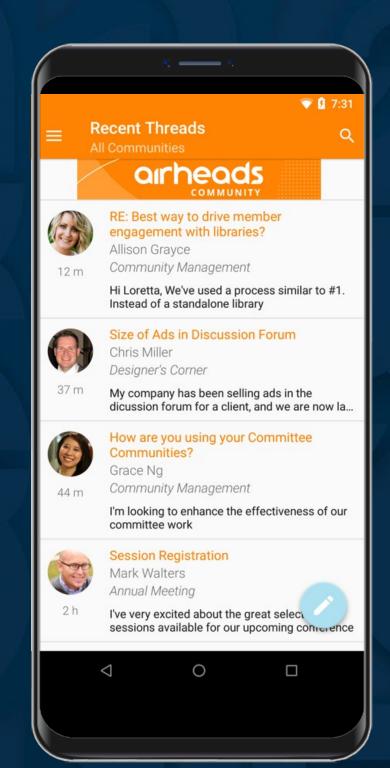
>500

Social and Environmental Responsibility audits conducted with suppliers

CIC DECISION OF THE COMMUNITY

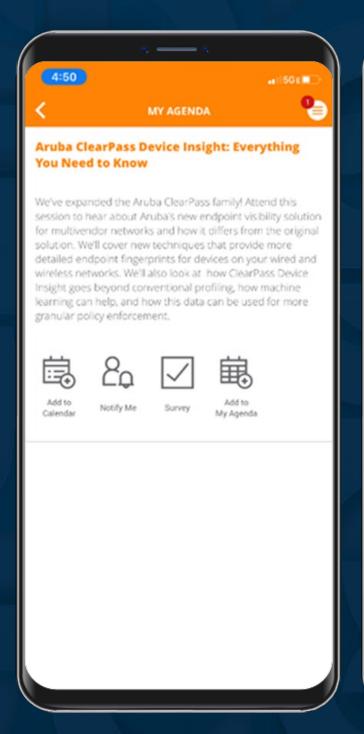
Still not part of the Airheads Community?

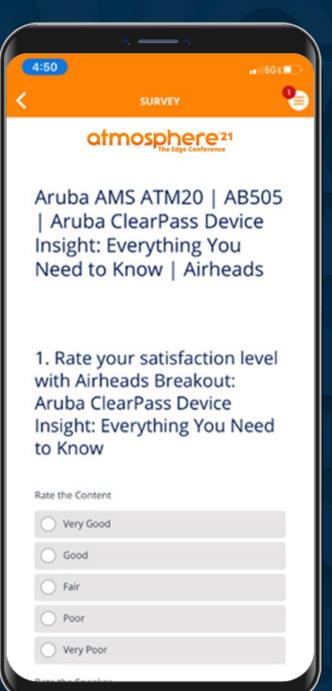
Sign up today: www.community.arubanetworks.com



Please give us your feedback:

- ✓ Click on "Agenda" icon
- ✓ Click on the session
- ✓ Tap the "Survey" icon





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Thank you



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